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AGRICULTURAL MEMORANDUM NO 546

# Summer Hatch of nematoid larvae - verification 1972

L P Smith

Ag Mem 425 suggested that 100 6 hour periods of grass wetness (estimated from 12 hourly rainfall totals) after April 15 should give an estimate of the peak summer hatch dates.

Tynemouth rainfall 1972 gave:-

| | | | | |
|---|---|---|---|---|
| April | 15 - 30 | 8 | | |
| May | 1 - 15 | 21 | Cumulative total | 29 |
| | 16 - 31 | 13 | | 42 |
| June | 1 - 15 | 25 | | 67 |
| | 16 - 30 | 15 | | 82 |
| July | 1 - 15 | 4 | | 86 |
| | 16 - 31 | 11 | | 97 |
| August | 1 - 2 | 4 | | 101 |

Peak hatch at several sites in Newcastle area was August 2.

This confirms the earlier type of analysis for conditions in the Newcastle area.

Any comments or suggestions on this paper should be referred to the author.

Meteorological Office
Bracknell

April 1973